

**ABSTRACT OF THE DISCLOSURE**

Parameter population of cells for a hierarchical semiconductor structure via file relation is disclosed. One aspect of the invention is a computerized system that includes a global file of global variables, a plurality of local files, and a plurality of  
5 cells. Each local file relates a plurality of local variables to the global variables. Each cell corresponds to a local file and has a set of parameters corresponding to the local variables of the local file.

\*Express Mail\* mailing label number: EM516817405 US

Date of Deposit: February 26, 1998  
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